

Cluster Progress

March 11, 2019

Incorporating the Nodes

- The boot order of nearly all the nodes has been modified.
 - compute-0-9 and compute-1-9 are having issues
- The nodes have been brought into the cluster via `insert-ethers!`
- NOTE: They cannot all be turned on at the same time due to UPS bandwidth issues.

```
[root@uscms1 ~]# rocks list host
HOST      MEMBERSHIP  CPUS  RACK  RANK  RUNACTION  INSTALLACTION
uscms1:    Frontend   8     0     0    os         install
compute-1-1: Compute   8     1     1    os         install
compute-1-2: Compute   8     1     2    os         install
compute-0-0: Compute   1     0     0    os         install
compute-0-1: Compute   8     0     1    os         install
compute-0-2: Compute   8     0     2    os         install
compute-0-3: Compute   8     0     3    os         install
compute-0-4: Compute   8     0     4    os         install
compute-1-3: Compute   8     1     3    os         install
compute-1-0: Compute   8     1     0    os         install
compute-1-4: Compute   8     1     4    os         install
compute-1-5: Compute   8     1     5    os         install
compute-1-6: Compute   8     1     6    os         install
compute-0-5: Compute   8     0     5    os         install
compute-1-7: Compute   8     1     7    os         install
compute-1-8: Compute   8     1     8    os         install
compute-0-6: Compute   8     0     6    os         install
compute-0-7: Compute   8     0     7    os         install
compute-0-8: Compute   8     0     8    os         install
compute-0-9: Compute   8     0     9    os         install
nas-0-0:    NAS Appliance 4     0     0    os         install
```

Figure: The list of all the hosts known to the CE. compute-1-9 is absent due to PXE boot issues, and NAS-0 is included, although it lacks the latest version of ROCKS.

Incorporating NAS-0

- NAS-0 must be brought into the cluster in a similar manner to that of the nodes.
- It's boot order was changed for network boot, it obtained the kickstart file, and `insert-ethers` recognized it.
- Installing the OS on the proper drive is proving troublesome.
 - We only see the 14 drives part of the ZFS array, not the two drives in RAID-1 allocated for storing the OS.